

Lytecel Recessed Fluorescent LIS9G12PR132

Page 1 of 2

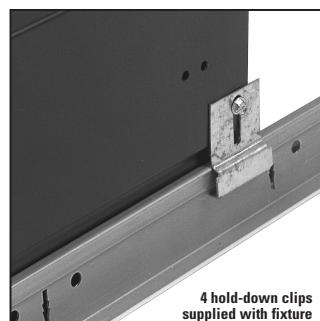
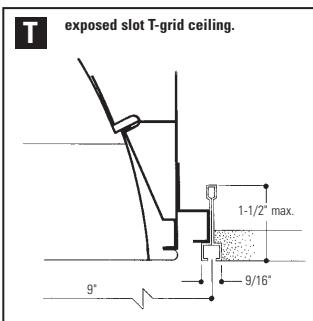
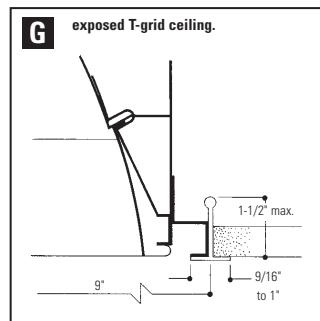
9" x 48", 12 Cell (1 Row) Parabolic Louver, Static or Air Supply/Return, 1 Lamp T8
IES RP1 For VDT Areas

Features

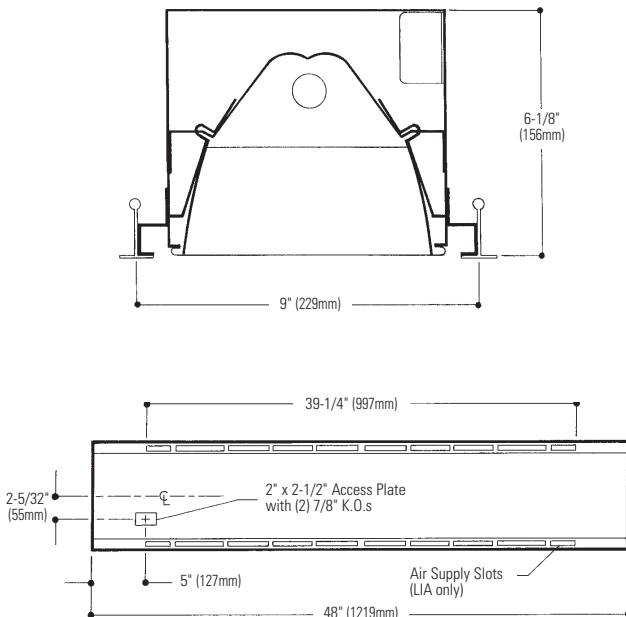
- Meets IES RP1 for lighting VDT areas.
- 65.2% efficient (T8).
- 1.5 spacing mounting ratio.
- Specular, low iridescence, pre-anodized aluminum louver.
- Vertical grain on louver eliminates reflected lamp image on cross baffle.
- Louver frame with positive light stop.
- Spring loaded latches (self centering).
- Reversible louver hinging.
- Louver has protective dust guard.
- Only 6-1/8" deep body.
- Black housing exterior for cooler ballast operating temperature.
- Turned-in edges for safe handling.
- UL-Listed twin knockout access plate.
- Air closure strips (optional).
- Construction to meet NYC Code or Chicago Plenum is available.
- Optional DALI ballast accepts digital dimming commands from computers, scene controllers and automatic control devices.



Mounting Methods



Dimensions



LI
G
H
T
O
R
M
E

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:



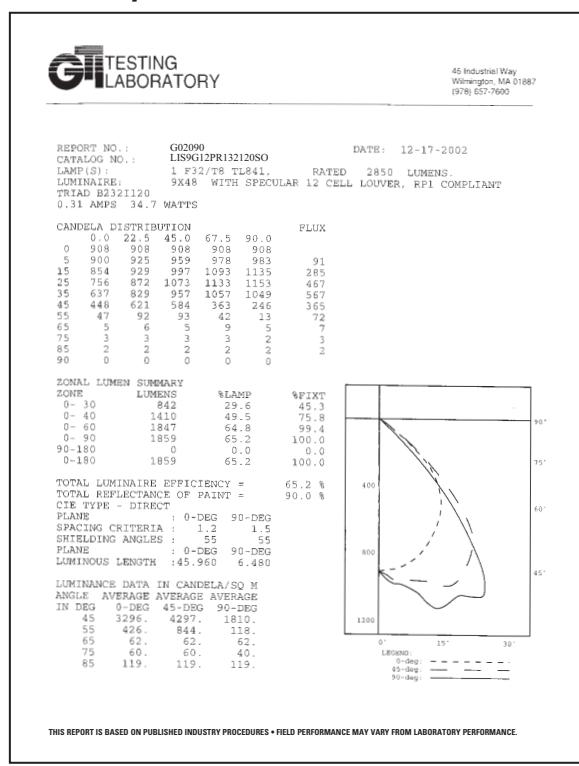
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Page 2 of 2

9" x 48", 12 Cell (1 Row) Parabolic Louver, Static or Air Supply/Return, 1 Lamp T8
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Photometry

Model No. LIS9G12PR132120SO



LER = FP - 53.2 IW - 32 BF - 0.92

Comparative yearly lighting energy cost per 1000 lumens = \$4.51

coefficients of utilization — zonal cavity method

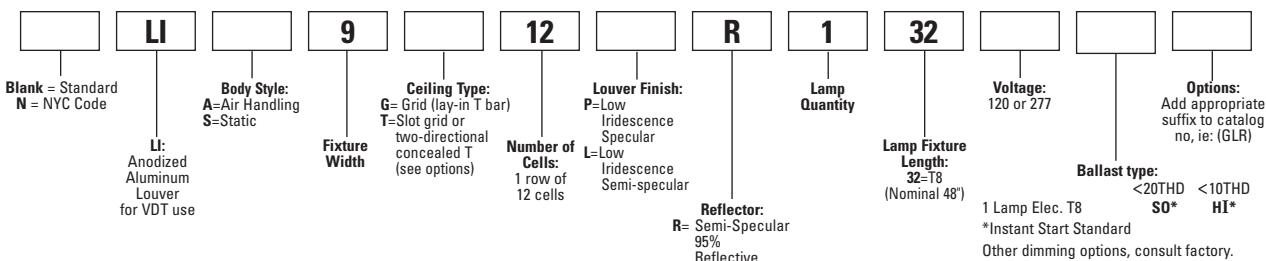
	RF	20			20			20		
	RC	80			50			30		
	RW	70	50	30	50	30	10	50	30	10
room cavity ratio	1	73	71	69	67	66	65	65	64	63
	2	69	65	62	62	59	57	60	58	56
	3	64	59	56	57	54	51	55	53	50
	4	60	54	50	52	49	46	51	48	45
	5	56	50	45	48	44	41	47	43	41
	6	53	46	41	44	40	37	43	40	37
	7	49	42	37	41	37	34	40	36	34
	8	46	39	34	38	34	31	37	33	31
	9	43	36	31	35	31	28	34	31	28
	10	41	33	29	32	29	26	32	28	26

visual comfort probability

room size	ceiling height	ceiling height							
		8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0
20	20	92	95	93	82	99	98	97	92
20	30	93	95	93	83	99	98	97	94
20	40	93	95	93	83	99	98	98	94
20	60	95	96	93	83	99	98	98	94
30	20	93	95	94	85	99	98	97	93
30	30	93	95	93	86	99	98	98	94
30	40	93	95	93	86	99	98	98	94
30	60	96	96	94	86	99	98	98	94
30	80	96	97	94	86	99	98	98	94
40	20	93	95	94	86	99	98	98	93
40	30	93	95	93	86	99	98	98	94
40	40	93	95	94	86	99	98	98	94
40	60	96	96	94	86	99	98	98	94
40	80	97	97	94	86	99	98	98	94
40	100	97	97	94	86	98	98	98	94
60	30	93	95	94	86	99	98	98	94
60	40	93	95	94	86	99	98	98	94
60	60	95	96	94	86	99	98	98	94
60	80	97	97	94	87	99	98	98	94
60	100	96	97	95	87	98	98	98	94
100	40	93	95	94	86	99	98	98	94
100	60	97	96	94	87	99	98	98	94
100	80	97	97	93	87	98	98	98	94
100	100	96	97	93	87	98	98	98	95

Ordering Information

Explanation of Catalog Number. Example: LIS9G12PR132120S0GLR



DA=DALI digital addressable dimming.

Options/Accessories

Access Plate: Top Wiring access plate is shipped with fixture as standard. When access plates are required in advance for wiring convenience, specify separately.

Order Catalog Number: **ACP5 CSP**.

Electrical/Wiring Options: Consult factory.

Fusing: Internal fast-blow fusing. Suffix: **GLR**.

Internal slow-blow fusing. Suffix: **GMF**.

Air Closure Strips: Suffix: **ACS4** (factory installed).

Drywall Kit: Order Catalog Number: **FK99X4**.

Chicago Plenum: Suffix: **CP**.

Specifications

Performance: In an installation of 1 lamp 32W luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .70 with a spacing to mounting ratio of 1.9 perpendicular to the lamps. To meet IES RP-1 for VDT areas the VCP (visual comfort probability) shall not be less than 96 either crosswise or lengthwise and the candela value between 55° and 90° in the 0° to 90° planes shall not exceed 195. Candelas at Nadir (0°) not to exceed 525.

Air handling: (LIA only) side air passages for air supply or air return. Optional side closure strips.

Specifications (continued)

Materials: Chassis parts are die-formed cold rolled steel. Housing is with all edges turned-in for safe handling.

Louver: Pre-anodized aluminum (Coilzak® or equal).

Finish: Louver—specular low iridescence pre-anodized reflector sheet.

Reflector: Semi-Specular reflector sheet, 95% reflective. Chassis exterior—black baked polyester enamel.

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

Labels: I.B.E.W./UL and ULC Listed.

Job Information

Type:

Lightolier a Genlyte Thomas Company www.lightolier.com
Technical Information: (978) 657-7600 • Fax (978) 658-0595
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
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